

Title (en)
Pulse wave measuring apparatus

Title (de)
Impulswellenmessvorrichtung

Title (fr)
Appareil de mesure d'ondes d'impulsion

Publication
EP 2839778 A1 20150225 (EN)

Application
EP 14181585 A 20140820

Priority
JP 2013172398 A 20130822

Abstract (en)
A first light receiving unit is disposed so as to be separated at a first distance along a contact surface of the living body from a light emitting unit that comes into contact with a living body and radiates light with a determined wavelength toward the inside of the living body, presses a first site of the living body at a determined pressure, and receives the light reflected from the living body through the first site. A second light receiving unit is disposed so as to be separated at a second distance along the contact surface of the living body that is longer than the first distance from the light emitting unit that comes into contact with the living body and radiates light with the wavelength toward the inside of the living body, presses a second site that is different from the first site of the living body at a determined pressure, and receives the light reflected from the living body through the second site. A measuring unit measures the pulse wave of the living body based on respective signals that represent light received by the first light receiving unit and light received by the second light receiving unit.

IPC 8 full level
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A61B 5/0053 (2013.01 - EP US); **A61B 5/0059** (2013.01 - CN US); **A61B 5/02** (2013.01 - CN); **A61B 5/0205** (2013.01 - US); **A61B 5/02108** (2013.01 - EP US); **A61B 5/022** (2013.01 - EP US); **A61B 5/02427** (2013.01 - EP US); **A61B 5/02438** (2013.01 - EP US); **A61B 5/11** (2013.01 - US); **A61B 5/681** (2013.01 - EP US); **A61B 5/6843** (2013.01 - US); **A61B 5/742** (2013.01 - US); **A61B 5/021** (2013.01 - US); **A61B 5/02416** (2013.01 - US); **A61B 5/0816** (2013.01 - US)

Citation (applicant)
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
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